

Resurvey of South Bdy. of T. 3 N., R. 37 E.

Chains	
	N.89°44'W. on a true line, S. bdy. of sec. 31.
	Ascending spur through scattering timber and patches of dense undergrowth.
7.00	Steeper ascent, bears N.20°E. and S.20°W.
11.25	Stock trail, bears N.55°E. and S.55°W.
14.00	Top of ridge between canyon, bears N.50°E. and S.50°W.; descend through heavy timber and dense undergrowth.
19.75	Ravine, course N.40°E.; steep ascent, bears N. and S.
25.75	Top of point, N.20°E.
	August 10: At this station I set off 15°33'N. on the decl. arc., and at 0 h, 5 m, p.m., l.m.t., observe the sun on the meridian, the resulting lat. is 45°41'30". Descend across hollow.
29.25	Foot, ravine, course N.20°E.; steep ascent, bears N.W. and S.E.
40.00	A point, 600 feet above the sec. cor. just E. of summit of divide, and set a basalt stone, 12x10x5 ins., 8 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, from which, A fir, 12 ins. diam., bears N.50°E., 66 lks. dist., marked $\frac{1}{4}$ S 31 B T. Find no trace of the old $\frac{1}{4}$ sec. cor. described by the surveyor general as a fir post on E. descent, from which, A spruce, 4 ins. diam., bears N.64°E., 10 lks. dist., A willow, 5 ins. diam., bears S.15°E., 28 lks. dist.,
41.75	Leave timber and undergrowth, bears N.W. and S.E. and thence across grassy opening on summit of divide between branches of Umatilla river.
42.30	Trail to "Eight Mile Ridge", bears S.E., S. and N.W.
43.00	Descend gradually.
45.00	Stock trail, bears N.10°E. and S.10°W.
47.50	Enter timber and undergrowth, bears N.20°W. and S.20°E.
51.25	Foot, ascend gradually through heavy timber.
57.85	Top of rise on ridge, cross narrow opening, bears N.W. and S.E.